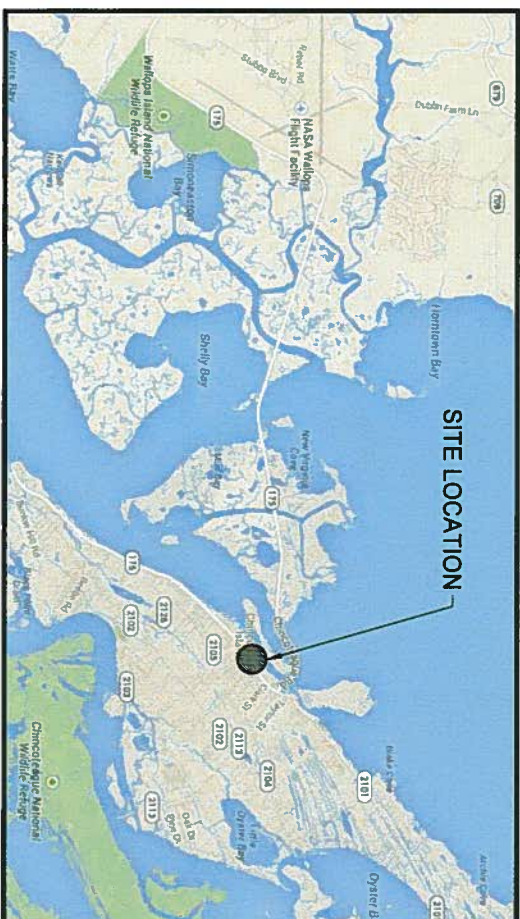
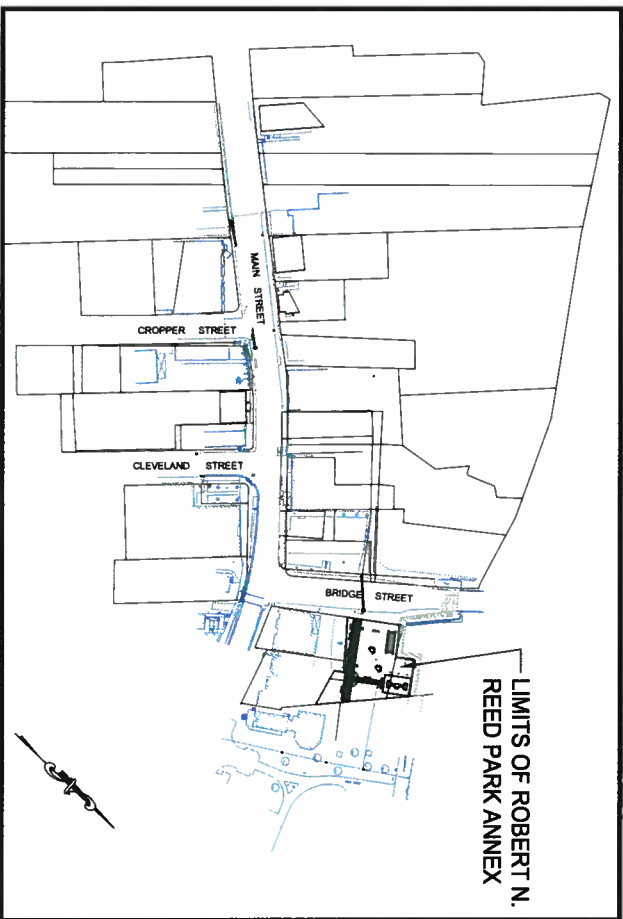


**TOWN OF CHINCOTEAGUE**  
**ROBERT N. REED PARK ANNEX**  
**LWCF PROJECT 51-00426**  
**CHINCOTEAGUE, VIRGINIA**

### VICINITY MAP

**SCALE: 1"=100**



## LOCATION MAP

**SCALE: 1" = 4000'**

SHEET INDEX	
SHEET NO.	SHEET TITLE
C-1.0	COVER
C-2.0	EXISTING CONDITIONS, DEMOLITION & EROSION CONTROL
C-3.0	SITE IMPROVEMENTS & GRADING, DRAINAGE + UTILITIES
C-4.0	PLANTING & IRRIGATION
C-5.0	NOTES & DETAILS
C-5.1	NOTES & DETAILS
C-5.2	NOTES & DETAILS
C-5.3	NOTES & DETAILS

## STATISTICAL DATA

**OWNER CONTACT:**  
MR. ROBERT RITTER  
TOWN MANAGER  
TOWN OF CHINCOTEAQUE  
6150 COMMUNITY DRIVE  
CHINCOTEAQUE, VIRGINIA 23336  
(757)336-6651  
(757)336-1619 (FAX)  
rritter@chincoteague-va.gov

**DESIGNER OF RECORD:**  
MR. JAMOC LARGE, PE  
BOWMAN CONSULTING GROUP, LTD  
3851 WESTERLE PARKWAY, SUITE 1000  
RICHMOND, VIRGINIA 23233  
(804) 727-0016  
jlarge@bowmanng.com

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH VDOT 2007 ROAD AND BRIDGE SPECIFICATIONS, VDOT 2008 ROAD AND BRIDGE STANDARDS.

UTILITY OWNERS BY THE FOLLOWING:

ELECTRIC: AMERICAN ELECTRIC COMPANY, 700 LAMSON, PO BOX 280, WALEY, VA 22441.  
(703) 975-0500, (703) 975-0500 fax (703) 975-0500  
CHARTER COMMUNICATIONS, JOE RICHARDSON, 34 MARKET STREET, DANMONT, VA 22417,  
(703) 975-1380, (703) 975-9227 (703) 975-1380 fax  
VERIZON (SBC), ERIC EDWARDS, 1570 CLEVELAND STREET, VA. BEACH, VA 23462  
(703) 687-7134, (703) 687-5200, amswett7@verizon.com  
BROADBAND: NICHOLAS MCGUINNESS, PO BOX 44, WICKHAMBOURG, VA 22440  
(703) 975-1380, nmcguin@broadband.net  
WATER: TOWN OF CHANCLOTTEVILLE, HANLEY SPURLOCK, 8150 COMMUNITY DRIVE, CHANCLOTTE/VALE, VA 22386, (703) 355-8411, hspurlock@chanccotown.org fax  
GAS: VA 22386, (703) 355-8411, hspurlock@chanccotown.org fax

**UNDERGROUND UTILITIES**

NO UTILITY MARKING SHALL BE MADE AS PART OF THIS SURVEY TO SHOW THE EXISTENCE, SIZE, DEPTH, LOCATION, OR TYPE OF ANY UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN INVESTIGATION AND INCIDENTAL TO OTHER ITEMS IN THE CONTRACT

**BEFORE YOU DIG**

**CALL**

**"MISS UTILITY"**

**OF VIRGINIA**

**1-800-552-7001**



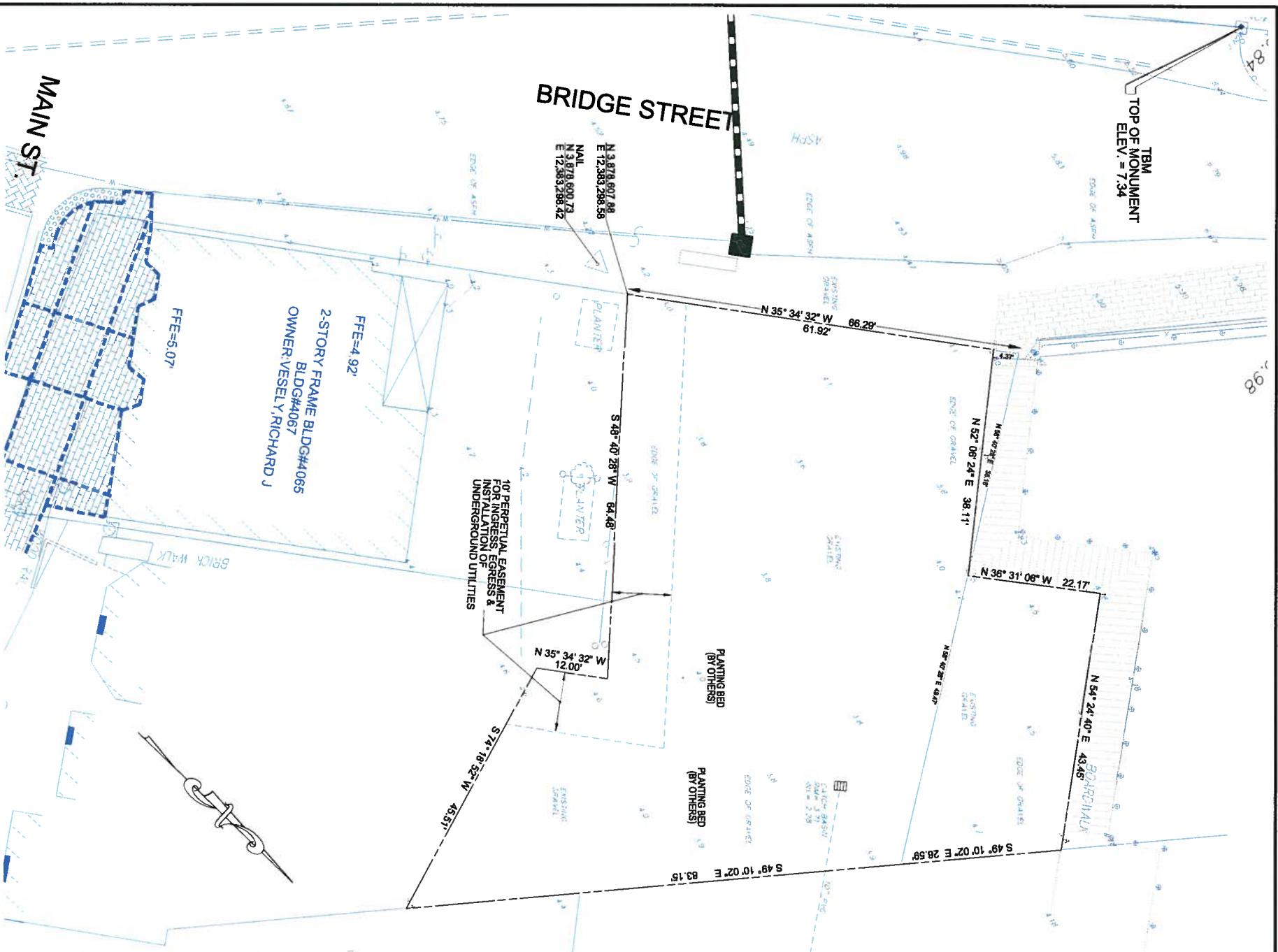
BEFORE YOU DI  
CALL  
"MISS UTILITY"  
OF VIRGINIA  
1-800-552-7001

**APPROVED FOR CONSTRUCTION**

APPROVED FOR CONSTRUCTION	
DATE	TOWN OF CHINCOTEAGUE TOWN MANAGER

Cad file name : C:\Users\Warge\Desktop\9200-01-004 (ENG) - Robert N Reed Park Annex\Engineering\Engineering Plans\FINAL PLANS 2015 0126\9200-D-CF-004-COVER 10.dwg






## EXISTING CONDITIONS

## DEMOLITION & EROSION CONTROL



COUNTY PROJECT NUMBER	
	
PLAN STATUS	
02/18/15	BID DOCUMENT
DATE	DESCRIPTION
LCI	B.M. LI. LCL
DESIGN	DRAWN
SCALE	DIMED
H-T-1=10	
J08 No 9200-01-004	
DATE: 02/17/2015	
FILE No 9200-0-CF-000	
SHEET	
C-2-0 8	
OF	

EXISTING CONDITIONS, DEMOLITION & EROSION CONTROL  
TOWN OF CHINCOTEAGUE  
ROBERT N. REED PARK ANNEX  
TOWN OF CHINCOTEAGUE VIRGINIA

**Bowman Consulting Group, Ltd.**  
3951 Westerra Parkway  
Suite 100  
Richmond, Virginia 23233

**Phone: (804) 727-0016**

**[www.bowmanconsulting.com](http://www.bowmanconsulting.com)**

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CONSULTING

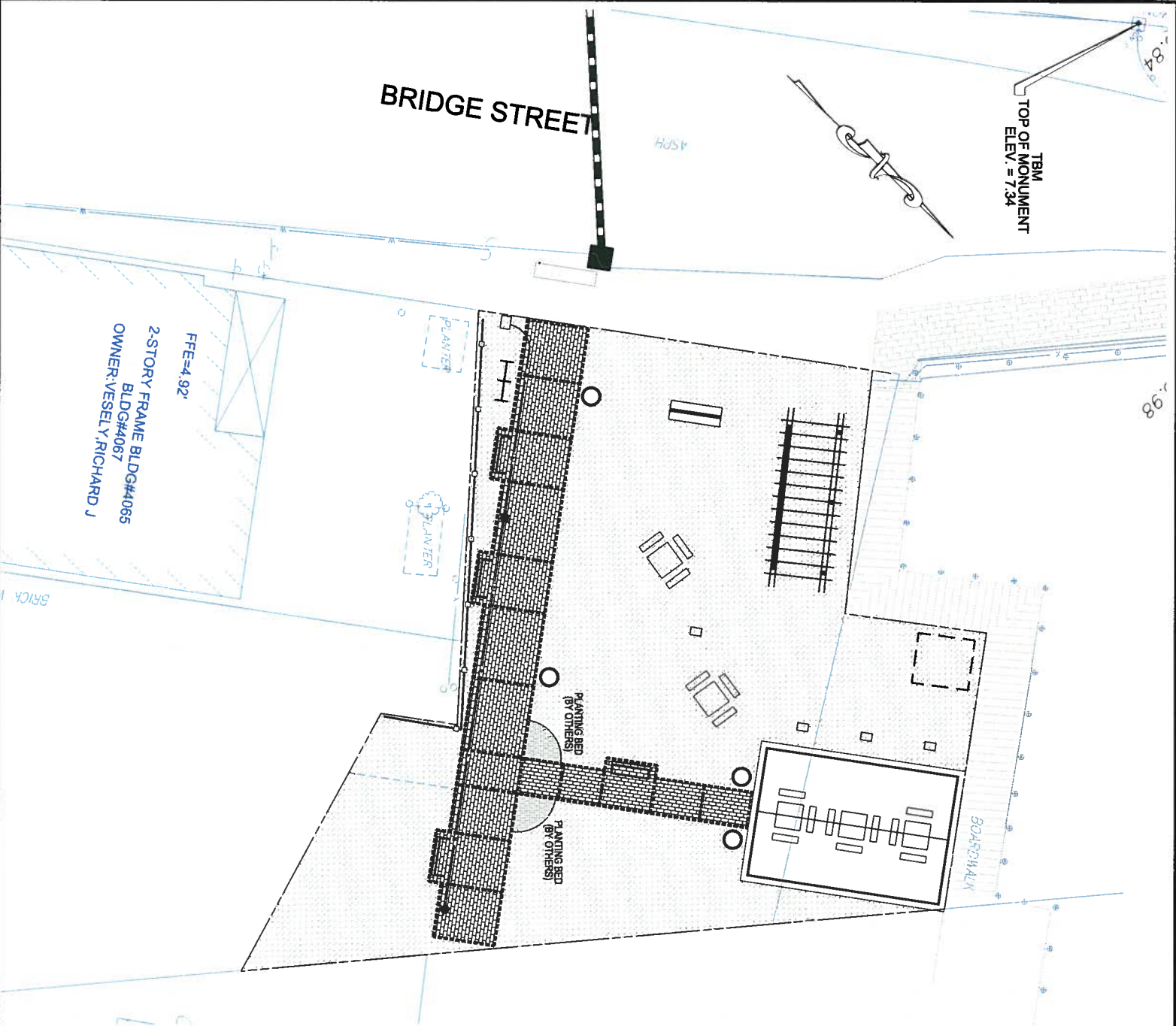






BRIDGE STREET

TBM  
TOP OF MONUMENT  
ELEV. = 7.34



## PLANTING SCHEDULE

DENOTES PLACE 6" MIN. (COMPACTED) TOP SOIL  
& HYDROSEED

## PLANTING



## IRRIGATION NOTES

1. IRRIGATION SYSTEM DESIGN BASED ON 35 GPM AT 70 PSI.
2. IRRIGATION DESIGN IS FROM THE POINT OF CONNECTION ONLY. THE DESIGN IS BASED ON GALLONS PER MINUTE (GPM) AND POUNDS PER SQUARE INCH (PSI) FURNISHED BY OTHERS.
3. IRRIGATION CONTRACTOR IS TO VERIFY POINT OF CONNECTION IN THE FIELD. INSTALLER IS TO COVER THE MINIMUM DISCHARGE REQUIREMENTS OF THE POINT OF CONNECTION AS INDICATED ON THE LEGEND PRIOR TO INSTALLATION.
4. THE PRESSURE REQUIREMENT AT THE POINT OF CONNECTION IS BASED ON NO MORE THAN 5 FEET OF ELEVATION CHANGE IN THE AREAS OF IRRIGATION.
5. ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ACCORDING TO LOCAL BUILDING, ELECTRICAL, AND PLUMBING CODES.
6. IRRIGATION CONTRACTOR WILL ARRANGE INSPECTIONS REQUIRED BY LOCAL AGENCIES AND ORDINANCES DURING THE COURSE OF CONSTRUCTION AS REQUIRED. ALL WIRING TO BE PER LOCAL CODE BACKFLOW PREVENTION PER LOCAL CODE.
7. LOCATION OF IRRIGATION COMPONENTS SHOWN ON DRAWINGS IS APPROXIMATE. ACTUAL PLACEMENT MAY VARY SLIGHTLY AS REQUIRED TO ACHIEVE FULL, EVEN COVERAGE.
8. ALL SPRINKLER HEADS SHALL BE INSTALLED PERPENDICULAR TO FINISH GRADES, EXCEPT AS OTHERWISE INDICATED.
9. INSTALL IRRIGATION MAINS WITH A MINIMUM 18" OF COVER BASED ON FINISH GRADES. INSTALL IRRIGATION MAINS WITH A MINIMUM 12" OF COVER BASED ON FINISH GRADES.
10. PIPE LOCATIONS ARE DIAGRAMATIC. VALVES AND MAINLINE SHOWN IN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY.
11. THE IRRIGATION CONTRACTOR SHALL COMPLY WITH PIPE SIZES AS INDICATED.
12. ALL WIRE SPACES OR CONNECTIONS SHALL BE MADE WITH APPROVED WATERPROOF WIRE CONNECTORS AND BE IN A VALVE OR SPICE BOX.
13. ALL CONTROL WIRING DOWNSTREAM OF THE CONTROLLER IS TO BE 14 AWG, UL APPROVED DIRECT BURY.
14. THE DESIGN IS BASED ON THE SITE INFORMATION AND/OR DRAWING SUPPLIED WITH THE DESIGN CRITERIA BEING SET FORTH BY THE TOWN OF CHINCOTEAGUE, ETC. JOHN DEERE LANDSCAPES BEARS NO RESPONSIBILITY OR LIABILITY FOR ANY ERRORS IN DESIGN OR CONSTRUCTION OF THE IRRIGATION SYSTEM. THE USER OF THIS INFORMATION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING THE REFERENCED INFORMATION SUPPLIED TO JOHN DEERE LANDSCAPES IN RELATION TO THIS PROJECT, UNLESS OTHERWISE NOTED.

## IRRIGATION

## IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY	PSI
	Rain Bird 1804 16 Series Sprinkler	15	30
	Rain Bird 1804 10 Series MPR	20	30
	Rain Bird 1804 12 Series MPR	4	30
	Rain Bird 1804 15 Series MPR	34	30
SYMBOL	MANUFACTURER/MODEL	QTY	PSI
	Rain Bird DV 1"	3	
	Rain Bird PCA Globe 1-1/2"	1	
	Isolation Valve LineSta	1	
	Zum 9750L 1-1/2"	1	
	Rain Bird ESPBLJXME	1	
	Hunter WRC-CLK	1	
	35 GPM 70 PSI	1	
	Ingration Lateral Line: PVC Class 200 SDR 21 1"	827.21 ft.	
	Ingration Lateral Line: PVC Class 200 SDR 21 1 1/2"	18.31 ft.	
	Ingration Mainline: PVC Class 200 SDR 21 1 1/2"	80.0 ft.	
	Pipe Sleeve: PVC Class 200 SDR 21 2"	6.1 ft.	
	Pipe Sleeve: PVC Class 200 SDR 21 4"	9.8 ft.	

IRRIGATION DESIGN BY:  
**JOHN DEERE LANDSCAPES**  
6500 Springwood Highway  
Phone: 248.528.2100  
Fax: 248.528.2100  
www.johndeerelandscapes.com  
800.347.4272

PLANTING & IRRIGATION  
TOWN OF CHINCOTEAGUE  
ROBERT N. REED PARK ANNEX  
TOWN OF CHINCOTEAGUE VIRGINIA

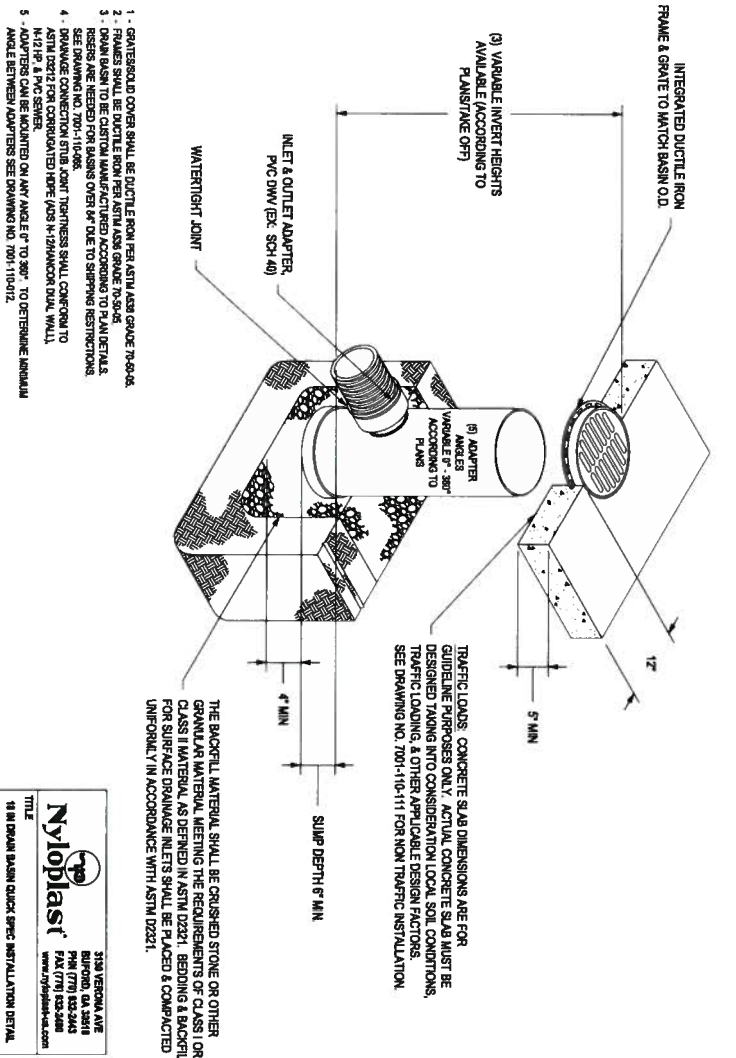
Bowman Consulting Group, Ltd.  
3951 Western Parkway  
Suite 100  
Richmond, Virginia 23233  
Phone: (804) 727-0016  
www.bowmanconsulting.com  
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SHEET C-4.0 OF 8

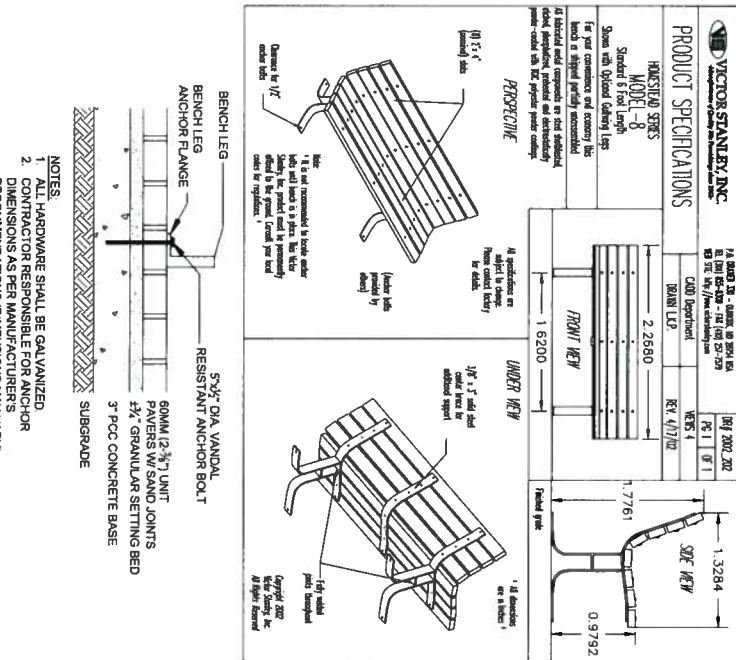






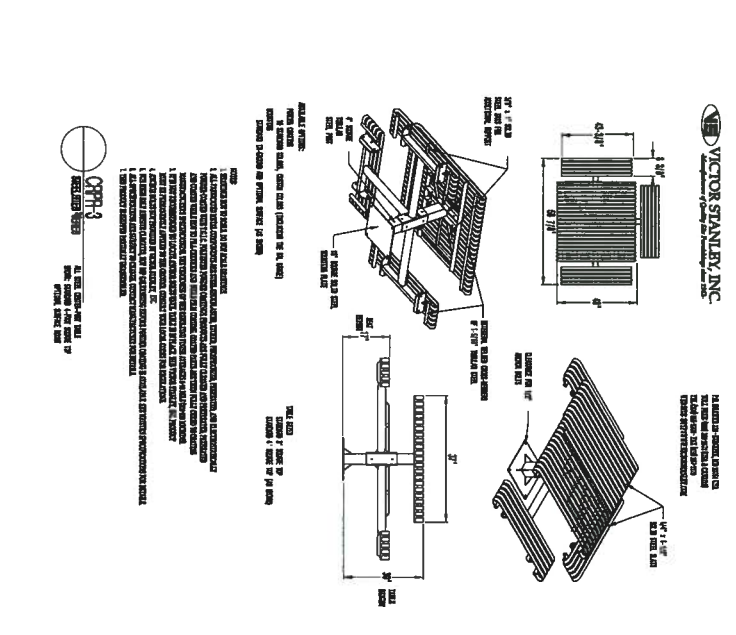
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NTS



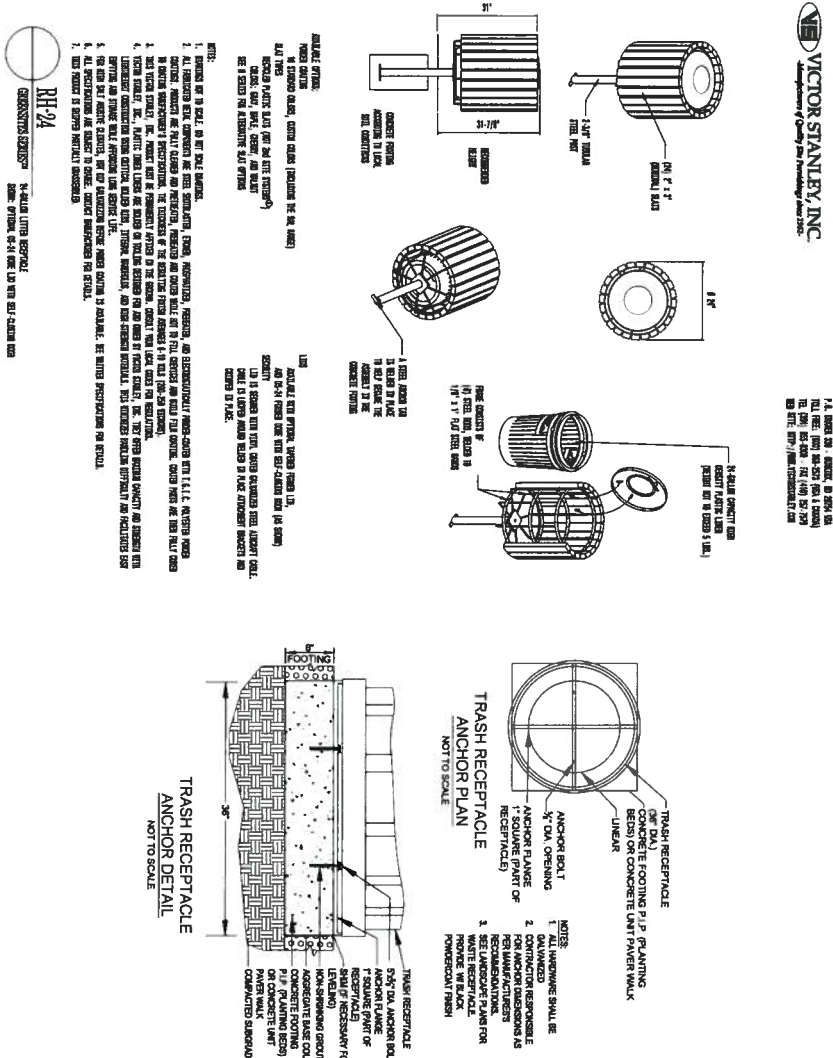
# BENCH

NTS

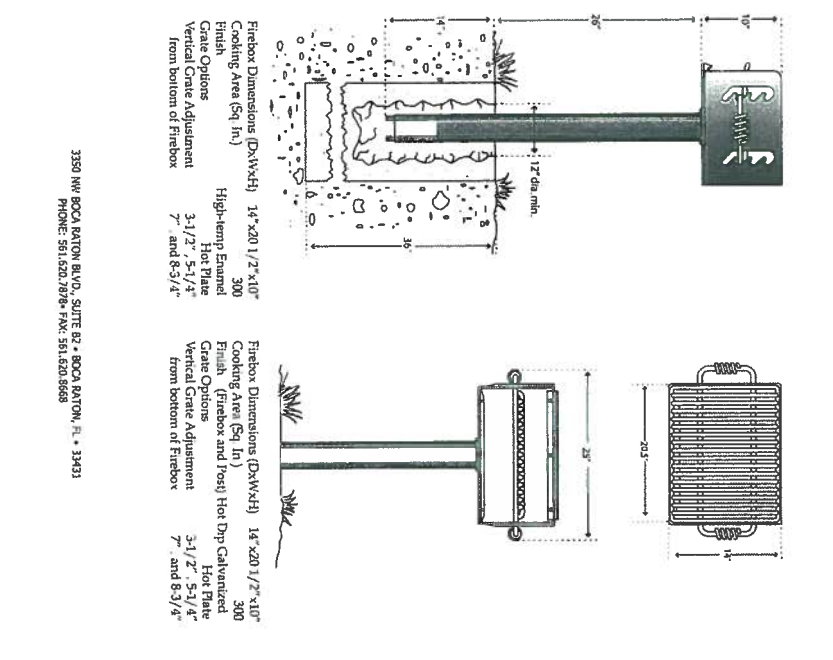


# PICNIC TABLE

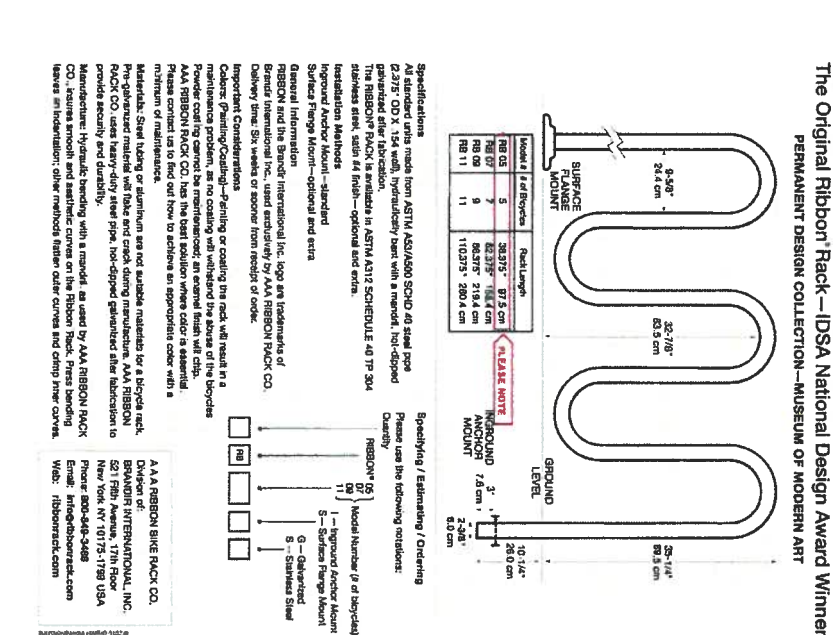
NTS



NTS



NTS



NTS





ROOF DIMENSIONS 6'-0" X 8'-0"  
COLUMN DIMENSIONS (CENTER TO CENTER) 4'7"

MINIMUM CLEARANCE 7'-2"

**GABLE ROOF 6:12 PITCH**

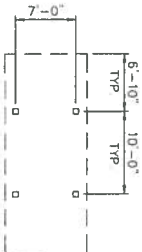
**BASIC SPECIFICATION:**

1. COLUMNS SHALL BE 5"x 5" SQUARE STEEL TUBE MINIMUM .120 WALL THICKNESS.
2. ALL BEAMS SHALL BE STRUCTURAL STEEL TUBE SIZED ACCORDING TO ENGINEERING.
3. ALL BOLTS SHALL BE A-307 OR A-325 AND HIDDEN AT ALL CONNECTIONS.
4. ROOFING SHALL BE PRE-CUT 24 GAUGE 12" OC, STANDING SEAM STEEL, PRE-FINISHED WITH RIBS RUNNING WITH THE SLOPE OF THE ROOF.
5. FASCIA SHALL BE TUBE STEEL.
6. OPEN OR WELDED "C" CHANNEL, "I" BEAMS "S" OR "Z" PURLINS OR ANGLE IRON SHALL NOT BE ALLOWED.
7. INFORMATION CABINET SHALL BE 3"x4" SATIN ALUMINUM WITH LOCKING ACRYLIC DOORS AND TACKABLE BACK SURFACE.
8. COLORS TO MATCH SHELTER.

**REGIONAL DEALER REPRESENTATIVE:**

6'x8' ORLANDO MODEL KIOSK  
BY: CLASSIC RECREATION SYSTEMS, INC  
(OR APPROVED EQUAL)

**KIOSK (ADDITIVE BID ITEM #1)**



## POST SPACING PLAN



## EXISTING PERGOLA



**NOT FOR CONSTRUCTION**



**NOTE: FOR ILLUSTRATION ONLY  
FOOTING SIZE MAY CHANGE W/  
STRUCTURAL ENGINEERING**

**TYPICAL ELEVATION**  
**BY: CLASSIC RECREATION SYSTEMS, INC**

**EXAMPLE FOOTING  
MANUFACTURER TO PROVIDE  
CERTIFIED FOOTING AND ANCHORING DESIGN**

<div style="display: flex; justify-content: space-between;"> <div> <p>FILE NO. 9200-D-CF-004</p> <p>DATE: 02/17/2015</p> <p>SHEET: C-5.2 OF 8</p> </div> <div> <p>02/18/15 BID DOCUMENT</p> <p>DATE DESCRIPTION</p> <p>1.01 B.M. LI. 1.01</p> <p>DESIGN DRAIN. CHKO</p> <p>SCALE: 1" = 10'</p> </div> </div>			<p>PLAT STATUS</p>	<p>COUNTY PROJECT NUMBER</p>	<p>NOTES &amp; DETAILS</p> <p>TOWN OF CHINCOTEAGUE</p> <p>ROBERT N. REED PARK ANNEX</p> <p>TOWN OF CHINCOTEAGUE VIRGINIA</p>
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**Bowman Consulting Group, Ltd.**  
3951 Western Parkway  
Suite 100  
Richmond, Virginia 23233  
**Phone: (804) 727-0018**  
**[www.bowmanconsulting.com](http://www.bowmanconsulting.com)**  
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THE 22'x32' CONCRETE PAD UNDER THE SHELTER SHALL BE 4" THICK CLASS A3 AIR ENTRAINED CONCRETE OVER 4" SIZE 21B AGGREGATE BASE. CONCRETE SURFACE TO HAVE A MEDIUM BROOM FINISH.

### PAD JOINT LAYOUT



## NTS

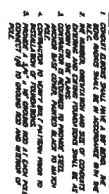


## NIT

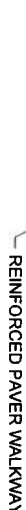
ROOF DIMENSIONS 20'-0"X30'-5"  
MINIMUM CLEARANCE 7'-6"  
ROOF HEIGHT @ FRAME ±13'-5 1/4"  
GABLE ROOF 6:12 PITCH  
SQUARE FEET UNDER ROOF ±5822

1. COLUMNS AND END FRAMES SHALL BE 12"x4" STEEL TUBE, .188 MINIMUM WALL THICKNESS.
2. ALL BEAMS SHALL BE STRUCTURAL STEEL TUBE SIZED ACCORDING TO ENGINEERING.
3. ALL BOLTS SHALL BE A-307 OR A-325 AND HIDDEN AT ALL CONNECTIONS.
4. ROOF DECKING SHALL BE TONGUE & GROOVE. ROOFING SHALL BE PRE-CUT 24 GAUGE 12 OC. STANDING SEAM STEEL, PRE-FINISHED WITH RIBS RUNNING WITH THE SLOPE OF THE ROOF.
5. TRIM SHALL BE 24 GAUGE PRE-FINISHED TO MATCH ROOFING.
6. OPEN OR WELDED "C" CHANNEL, "I" BEAMS, "S" OR "Z" PURLINS OR ANGLE IRON SHALL NOT BE ALLOWED.
7. COLORS PER OWNER'S SPECIFICATIONS

TOM MERTL, VICE PRESIDENT  
LEISURE LINES, INC.  
2025 PENNSYLVANIA AVE..  
MCDONOUGH, GA 30253  
7770.968.4000, 800.227.4016



## NIT



## NT:



BY: CLASSIC RECREATION SYSTEMS, INC.

**MANUFACTURER TO PROVIDE  
CERTIFIED FOOTING AND ANCHORING DESIGN**

# ROBERT N. REED PARK ANNEX

## VIRGINIA

**Phone: (804) 727-0016**

**Phone: (804) 727-0016**

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# Bowman

## CONSULTING

PLAN STATUS	
DATE	02/10/15 BID DOCUMENT
DESCRIPTION	
DESIGN	BUM LL
SCALE	1" = 10'
SCALE	H
FILE No.	92200-01-004
DATE	02/17/2015
FILE No.	92200-D-CF-004
SHEET	C-5.3 OF 8